

[FIG.1]

100 SIR MEASURING APPARATUS  
 101-1 DEMODULATION SECTION  
 101-L DEMODULATION SECTION  
 5 102-1 DEMODULATION SECTION  
 102-L DEMODULATION SECTION  
 111-1 AVERAGING SECTION  
 112-1 SQUARE SECTION  
 111-L AVERAGING SECTION  
 10 112-L SQUARE SECTION  
 121-1 VARIANCE CALCUALTION SECTION  
 121-L VARIANCE CALCUALTION SECTION  
 130 SIR CALCUALTION SECTION  
 130 SIR CORRECTION SECTION  
 15 SIR VALUE AFTER CORRECTION

[FIG.2]

130 SIR CALCUALTION SECTION  
 133 ADDITION SECTION  
 20 134 SQUARE SECTION  
 135-1 RAKE WEIGHT MULTIPLICATION SECTION  
 135-L RAKE WEIGHT MULTIPLICATION SECTION  
 136 ADDITION SECTION  
 137 DIVISION SECTION

25

[FIG.3]

140 SIR CORRECTION SECTION  
 SIR BEFORE CORRECTION

141 MULTIPLICATION SECTION

ISCP AVERAGING NUMBER

142 SUBTRACTION SECTION

NUMBER OF FINGERS, RSCP AVERAGING NUMBER

5 SIR AFTER CORRECTION

[FIG.4]

VARIABLE DESCRIPTION

NUMBER OF FINGERS USED FOR RAKE COMBINING

10 NUMBER OF SYMBOLS USED TO CALCULATE RSCP

NUMBER OF SYMBOLS USED TO CALCULATE ISCP

SIGNAL AMPLITUDE AFTER N\_rscp AVERAGING OF FINGER L

RAKE WEIGHT OF FINGER L

STANDARD DEVIATION OF FINGER L

15 SIR VALUE BEFORE CORRECTION

RSCP VALUE

ISCP VALUE

SIR THEORETICAL VALUE (SIR TO BE OBTAINED)

20 [FIG.5]

SIR BEFORE CORRECTION

CORRECTED SIR OF CONVENTIONAL SCHEME

SIR THEORETICAL VALUE AND CORRECTED SIR OF PRESENT  
INVENTION

25 ENSEMBLE MEAN VALUE OF MASURED SIR [dB]

NUMBER OF FINGERS: 4

TRUE SIR [dB]

[FIG.6]

SIR BEFORE CORRECTION

CORRECTED SIR OF CONVENTIONAL SCHEME

SIR THEORETICAL VALUE AND CORRECTED SIR OF PRESENT

5 INVENTION

ENSEMBLE MEAN VALUE OF MASURED SIR [dB]

NUMBER OF FINGERS: 2

TRUE SIR [dB]

10 [FIG.7]

200 SIR CORRECTION SECTION

SIR BEFORE CORRECTION

201 MULTIPLICATION SECTION

ISCP AVERAGING NUMBER

15 202 SUBTRACTION SECTION

SIR AFTER CORRECTION

203 APPROXIMATE COEFFICIENT CALCULATION SECTION

204 MULTIPLICATION SECTION

NUMBER OF FINGERS, RSCP AVERAGING NUMBER

20